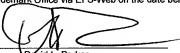


<p style="text-align: center;">CERTIFICATE OF ELECTRONIC TRANSMISSION 37 C.F.R. § 1.8</p> <p>I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office via EFS-Web on the date below:</p> <p>January 22, 2010 Date</p> <p style="text-align: right;"> David L. Parker</p>
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Moritz Bünemann *et al.*

Serial No.: 10/538,985

Filed: August 18, 2006

For: MILLISECOND ACTIVATION SWITCH  
FOR SEVEN-TRANSMEMBRANE  
PROTEINS

Group Art Unit: 1646

Examiner: Pak, Michael D.

Atty. Dkt. No.: VOSS:008US

Confirmation No.: 2063

**AMENDMENT UNDER 37 C.F.R. § 1.116; AND  
RESPONSE TO FINAL OFFICE ACTION DATED NOVEMBER 25, 2009**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

This paper is submitted in response to the Final Office Action dated November 25, 2009 for which the two-month date for response is January 25, 2010.

It is believed that no fees are due in connection with this response. However, if any fees are due, consider this paragraph such a request and authorization to withdraw the appropriate fee under 37 C.F.R. §§ 1.16 to 1.21 from Fulbright & Jaworski L.L.P. Account No.: 50-1212/VOSS:008US.

A Listing of Claims begins on page 2. Remarks begin on page 9.